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NEWS 24 JUL 07 STN Patent Forums to be held in July 2005

NEWS 25 JUL 13 SCISEARCH reloaded

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NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

NEWS HOURS STN Operating Hours Plus Help Desk Availability

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FILE 'HOME' ENTERED AT 13:11:09 ON 17 AUG 2005

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 0.21 0.21

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Aug 12, 2005 (20050812/UP).

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE TOTAL

FULL ESTIMATED COST

ENTRY SESSION 0.06 0.27

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STRUCTURE FILE UPDATES: 16 AUG 2005 HIGHEST RN 860495-66-5 DICTIONARY FILE UPDATES: 16 AUG 2005 HIGHEST RN 860495-66-5

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> Uploading C:\Program Files\Stnexp\Queries\JJD-10.str

L1 STRUCTURE UPLOADED

=> D L1

L1 HAS NO ANSWERS

L1 STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

3 ITERATIONS

=> S L1

SAMPLE SEARCH INITIATED 13:12:13 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED

0

ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> FILE CAPLUS

COST IN U.S. DOLLARS

SINCE FILE TOTAL

ENTRY SESSION

FULL ESTIMATED COST 0.86 1.13

FILE 'CAPLUS' ENTERED AT 13:12:42 ON 17 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 17 Aug 2005 VOL 143 ISS 8 FILE LAST UPDATED: 16 Aug 2005 (20050816/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> D L1 L1 HAS NO ANSWERS L1STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> S L1

## REG1stRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 13:12:58 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

0

ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

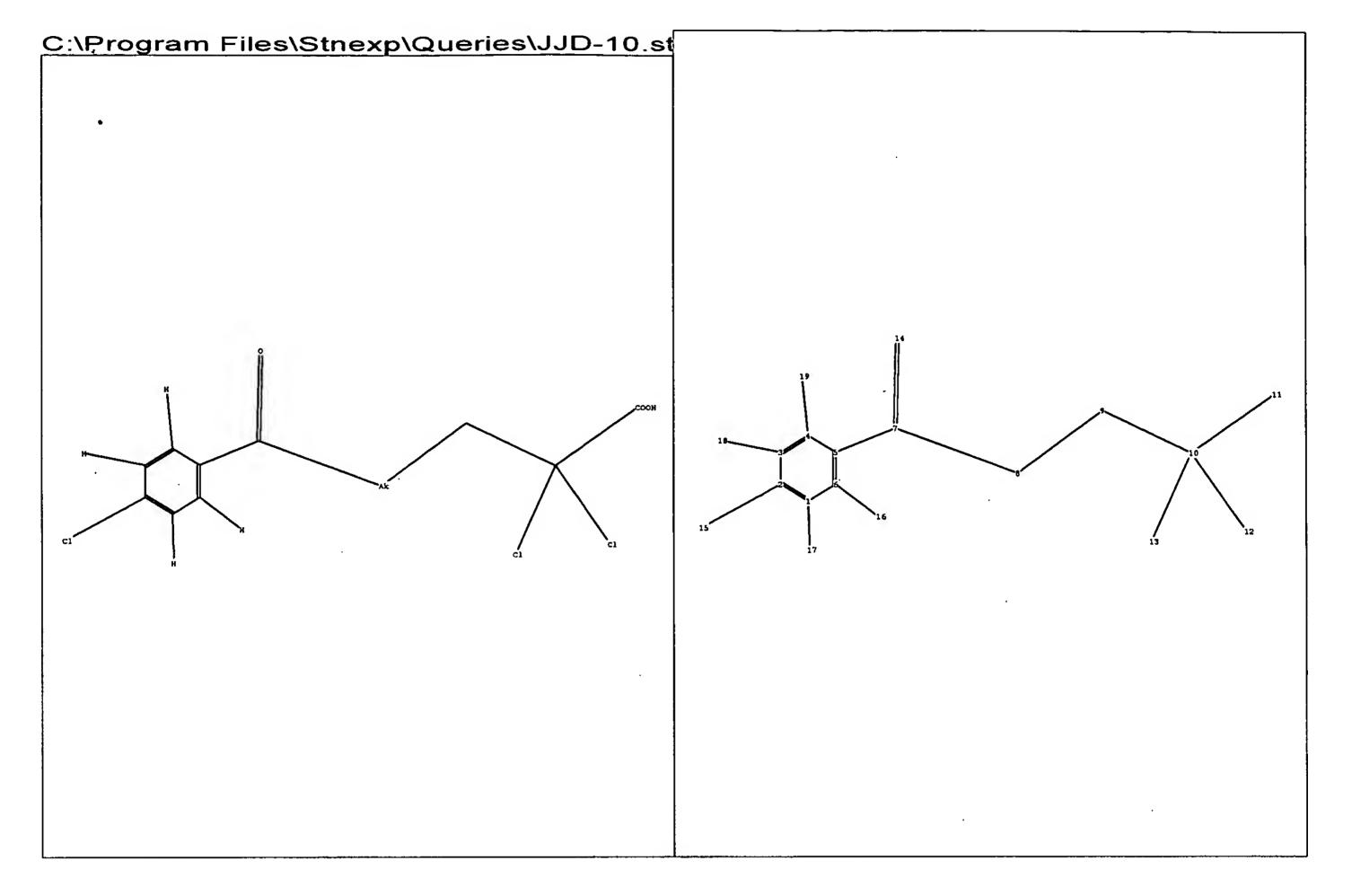
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163

PROJECTED ANSWERS: O TO

L3 0 SEA SSS SAM L1

0 L3 L4



chain nodes:

7 8 9 10 11 12 13 14 15 16 17 18 19

ring nodes:

1 2 3 4 5 6

chain bonds:

1-17 2-15 3-18 4-19 5-7 6-16 7-8 7-14 8-9 9-10 10-11 10-12 10-13

ring bonds:

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds:

7-8 7-14 8-9

exact bonds:

1-17 2-15 3-18 4-19 5-7 6-16 9-10 10-11 10-12 10-13

normalized bonds:

1-2 1-6 2-3 3-4 4-5 5-6

## Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS 10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS 18:CLASS19:CLASS

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Welcome to STN International!
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LOGINID:ssspta1621con
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2
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                     Welcome to STN International
* *
                  Web Page URLs for STN Seminar Schedule - N. America
 NEWS 1
                  "Ask CAS" for self-help around the clock
NEWS
NEWS
                 PATDPAFULL - New display fields provide for legal
      3 FEB 28
status
                  data from INPADOC
 NEWS 4 FEB 28 BABS - Current-awareness alerts (SDIs) available
 NEWS 5 MAR 02 GBFULL: New full-text patent database on STN
                 REGISTRY/ZREGISTRY - Sequence annotations enhanced
 NEWS 6 MAR 03
                 MEDLINE file segment of TOXCENTER reloaded
 NEWS 7 MAR 03
                  KOREAPAT now updated monthly; patent information
 NEWS
      8 MAR 22
enhanced
       9 MAR 22
                  Original IDE display format returns to
 NEWS
REGISTRY/ZREGISTRY
      10 MAR 22 PATDPASPC - New patent database available
 NEWS
                 REGISTRY/ZREGISTRY enhanced with experimental
       11 MAR 22
 NEWS
property tags
 NEWS 12 APR 04 EPFULL enhanced with additional patent information
and new
                  fields
                 EMBASE - Database reloaded and enhanced
 NEWS 13 APR 04
 NEWS 14 APR 18
                 New CAS Information Use Policies available online
 NEWS 15 APR 25
                 Patent searching, including current-awareness
alerts (SDIs),
                  based on application date in CA/CAplus and
USPATFULL/USPAT2
                  may be affected by a change in filing date for U.S.
                  applications.
                  Improved searching of U.S. Patent Classifications
       16 APR 28
 NEWS
for
                  U.S. patent records in CA/CAplus
       17 MAY 23 GBFULL enhanced with patent drawing images
 NEWS
                 REGISTRY has been enhanced with source information
 NEWS
       18 MAY 23
from
                  CHEMCATS
                  The Analysis Edition of STN Express with Discover!
       19 JUN 06
 NEWS
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(Version 8.0 for Windows) now available

NEWS 20 JUN 13 RUSSIAPAT: New full-text patent database on STN

NEWS 21 JUN 13 FRFULL enhanced with patent drawing images

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NEWS 23 JUL 01 MEDICONF removed from STN

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NEWS 25 JUL 13 SCISEARCH reloaded

NEWS 26 JUL 20 Powerful new interactive analysis and visualization software,

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NEWS 27 AUG 11 Derwent World Patents Index(R) web-based training during

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NEWS 28 AUG 11 STN AnaVist workshops to be held in North America

NEWS EXPRESS JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005

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NEWS INTER General Internet Information
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Enter NEWS followed by the item number or name to see news on that specific topic.

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FILE 'HOME' ENTERED AT 13:15:03 ON 17 AUG 2005

=> FIL STNGUIDE

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.21 0.21

FULL ESTIMATED COST

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FILE CONTAINS CURRENT INFORMATION.

LAST RELOADED: Aug 12, 2005 (20050812/UP).

=> FILE REG

COST IN U.S. DOLLARS

SINCE FILE TOTAL ENTRY SESSION 0.06 0.27

FULL ESTIMATED COST

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STRUCTURE FILE UPDATES: 16 AUG 2005 HIGHEST RN 860495-66-5 DICTIONARY FILE UPDATES: 16 AUG 2005 HIGHEST RN 860495-66-5

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Please note that search-term pricing does apply when conducting SmartSELECT searches.

Structure search iteration limits have been increased. See HELP SLIMITS for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> Uploading C:\Program Files\Stnexp\Queries\JJD-11.str

L1 STRUCTURE UPLOADED

=> D L1
L1 HAS NO ANSWERS
L1 STR
\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> S L1

SAMPLE SEARCH INITIATED 13:15:58 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

2

**ANSWERS** 

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163 PROJECTED ANSWERS: 2 TO 124

2 SEA SSS SAM L1 L2

=> FILE CAPLUS

COST IN U.S. DOLLARS SINCE FILE TOTAL ENTRY SESSION

FULL ESTIMATED COST 0.43 0.70

FILE 'CAPLUS' ENTERED AT 13:16:09 ON 17 AUG 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 AMERICAN CHEMICAL SOCIETY (ACS)

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FILE COVERS 1907 - 17 Aug 2005 VOL 143 ISS 8 FILE LAST UPDATED: 16 Aug 2005 (20050816/ED)

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This file contains CAS Registry Numbers for easy and accurate substance identification.

=> D L1

L1 HAS NO ANSWERS

L1STR

\*\*\* STRUCTURE DIAGRAM IS NOT AVAILABLE \*\*\*

Structure attributes must be viewed using STN Express query preparation.

=> S I.1

#### REG1stRY INITIATED

Substance data SEARCH and crossover from CAS REGISTRY in progress...

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SAMPLE SEARCH INITIATED 13:16:17 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 3 TO ITERATE

100.0% PROCESSED 3 ITERATIONS

**ANSWERS** 

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*

BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 3 TO 163 2 TO PROJECTED ANSWERS: 124

2 SEA SSS SAM L1 L3

3 L3 L4

=> D L4

ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN L4

2003:570806 CAPLUS AN

139:106503 DN

Medicinal composition containing 2,2-dichloro-12-(4-TIchlorophenyl) dodecanoic acid

Kobayashi, Shinichiro; Takano, Niichiro; Kawashima, Hiroyuki; IN Shinoda,

Yasuo; Inagi, Toshio

Kowa Co., Ltd., Japan PA

SO PCT Int. Appl., 13 pp.

CODEN: PIXXD2

DTPatent

Japanese LA

FAN.CNT 1

PATENT NO. DATE					KIND		DATE		APPLICATION NO.							
							_									
PI WO 2003059337 20030115					A1		20030724		WO 2003-JP251							
		W:	AE,	AG,	AL,	AM,	AT,	AU,	AZ,	BA,	BB,	BG,	BR,	BY,	BZ,	CA,
·	CN,		CO,	CR,	CU,	CZ,	DE,	DK,	DM,	DZ,	EC,	EE,	ES,	FI,	GB,	GD,
GE,	GH,		GM,	HR,	HU,	ID,	IL,	IN,	IS,	JP,	KE,	KG,	KR,	KZ,	LC,	LK,
LR,	LS,		LT,	LU,	LV,	MA,	MD,	MG,	MK,	MN,	MW.	MX,	MZ.	NO.	NZ.	OM.
PH,	PL,															·
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		RW:			•	-	•	YU, MZ,	•	•		TZ,	UG,	ZM,	ZW,	AM,
AZ,	BY,		KG,	KZ,	MD,	RU,	ТJ,	TM,	AT,	BE,	BG,	CH,	CY,	CZ,	DE,	DK,
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TG				CF,	CG,			GA,			GW,	ML,	MK,	NE,	SN,	TD,
CA 2474014 AA 20030724 CA 2003-2474014 20030115																
BR 2003007172 A 20041103 BR 2003-7172 20030115																
	EP	1473	033			A1		2004	1103	·	EP 2	003-	7005	58		
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MC,	PT,		IE,	SI,	LT,	LV,	FI,	RO,	MK,	CY,	AL,	TR,	BG,	CZ,	EE,	HU,
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# => IBIB ABS HITSTR 1-3

IBIB IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system. For a list of commands available to you in the current file, enter "HELP COMMANDS" at an arrow prompt (=>).

## => D L4 IBIB ABS HITSTR 1-3

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 2003:570806 CAPLUS

DOCUMENT NUMBER: 139:106503

Medicinal composition containing TITLE: 2,2-dichloro-12-(4chlorophenyl) dodecanoic acid INVENTOR(S): Kobayashi, Shinichiro; Takano, Niichiro; Kawashima, Hiroyuki; Shinoda, Yasuo; Inagi, Toshio PATENT ASSIGNEE(S): Kowa Co., Ltd., Japan SOURCE: PCT Int. Appl., 13 pp. CODEN: PIXXD2 DOCUMENT TYPE: Patent LANGUAGE: Japanese FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION: PATENT NO. DATE KIND APPLICATION NO. DATE WO 2003059337 A120030724 WO 2003-JP251 20030115 AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG 20030724 CA 2474014 AA CA 2003-2474014 20030115 BR 2003007172 20041103 BR 2003-7172 Α 20030115 20041103 EP 2003-700558 EP 1473033 **A**1 20030115 AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, R: MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK JP 2002-7022 PRIORITY APPLN. INFO.: A 20020116

20030115

WO 2003-JP251

W

AB Disclosed is a medicinal composition with excellent stability which contains a

mixture of croscarmellose sodium and a substance selected from the group

consisting of 2,2-dichloro-12-(4-chlorophenyl)dodecanoic acid (I), salts

thereof, and esters thereof. For example, a tablet was formulated containing

I·Na salt 1, croscarmellose sodium 12, lactose 115, hydroxypropyl cellulose 4.8, and Mg stearate 1.2 mg. After 2 wk storage at 60°,

tablets contained 93.7 % of I, as compared to 84.9 % in control tablets

containing hydroxypropyl cellulose instead of croscarmellose sodium.

IT 178671-17-5

RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses) (stable formulations of

2,2-dichloro-12-(4-chlorophenyl)dodecanoate)

RN 178671-17-5 CAPLUS

CN Benzenedodecanoic acid,  $\alpha, \alpha, 4$ -trichloro-, sodium salt (9CI) (CA INDEX NAME)

Na

REFERENCE COUNT:

4 THERE ARE 4 CITED REFERENCES AVAILABLE

FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1998:793822 CAPLUS

DOCUMENT NUMBER:

130:168061

TITLE:

 $\omega$ -Substituted alkyl carboxylic acids as antidiabetic and lipid-lowering agents Meyer, Kirstin; Voss, Edgar; Neidlein,

Richard;

AUTHOR(S):

Kuhnle, Hans-Frieder; Pill, Johannes

CORPORATE SOURCE:

Therapeutics Research, Boehringer Mannheim,

Mannheim,

Germany

SOURCE: (1998),

European Journal of Medicinal Chemistry

33(10), 775-787

CODEN: EJMCA5; ISSN: 0223-5234

PUBLISHER: Editions Scientifiques et Medicales Elsevier

DOCUMENT TYPE: Journal LANGUAGE: English

AB In screening expts. certain  $\omega$ -substituted alkylcarboxylic acids were

found to produce an increase in insulin-stimulated 14C-acetate incorporation into triglycerides, which may indicate an improvement in the

action of insulin. Antidiabetic and lipid-lowering properties in genetically diabetic ob/ob mice demonstrated the in vivo relevance of the

insulin-potentiating effects seen in vitro. The chemical structures of the

ω-substituted alkylcarboxylic acids with insulin-potentiating effects correspond to the general formula ring-spacer-COOH. A close

structure-activity relationship was observed. The most potent compound in ob/ob

mice was 4-ClC6H4(CH2)10CCl2CO2H, which normalized blood glucose as well

as hyperinsulinemia and lowered serum triglycerides and cholesterol by 52%

and 37%, resp. On the basis of these results, ω-substituted alkylcarboxylic acids are interesting as a new class of oral antidiabetic

agents with insulin-sensitizing and lipid-lowering activity. IT 178671-17-5P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological

study, unclassified); SPN (Synthetic preparation); BIOL (Biological

study); PREP (Preparation)

(preparation of aryldichloroalkanoic acids as antidiabetic and hypolipemic

agents)

RN 178671-17-5 CAPLUS

CN Benzenedodecanoic acid,  $\alpha, \alpha, 4$ -trichloro-, sodium salt (9CI) (CA INDEX NAME)

REFERENCE COUNT: 36 THERE ARE 36 CITED REFERENCES AVAILABLE FOR THIS

RECORD. ALL CITATIONS AVAILABLE IN THE

RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN

ACCESSION NUMBER: 1996:431377 CAPLUS

DOCUMENT NUMBER: 125:86196

TITLE: Preparation of 2,2-dichloroalkanoic acids as

antidiabetic agents

INVENTOR(S): Voss, Edgar; Pill, Johannes; Freund, Peter

PATENT ASSIGNEE(S): Boehringer Mannheim Gmbh, Germany

SOURCE: Ger. Offen., 14 pp.

CODEN: GWXXBX

DOCUMENT TYPE: Patent LANGUAGE: German

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.							
DATE										
DE 4439947	A1	19960515	DE 1994-4439947							
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IL 115920	A1	20031123	IL 1995-115920							
19951108	<b>70. 70</b>	10060500	ar 1005 0004507							
CA 2204527	AA	19960530	CA 1995-2204527							
19951109	7\ ^	10060520	NO 1005 ED4413							
WO 9615784	A2	19960530	WO 1995-EP4413							
19951109 WO 9615784 A3 19960530										
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PT, SE	<i>D</i> <b>D</b> , <i>D</i> .	, 20, 111, 02	, on, 12, 11, 20, 110, 112,							
AU 9641153	A1	19960617	AU 1996-41153							
19951109										
AU 699480	B2	19981203								
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19951109										
EP 790824	B1	20020206								
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PT, SE										
CN 1171050	A	19980121	CN 1995-197101							
19951109										
CN 1105558	В	20030416								
HU 77627	A2	19980629	HU 1998-381							
19951109										

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19970708
PRIORITY APPLN. INFO.:
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                                                                 \mathbf{A}
19941109
                                             WO 1995-EP4413
                                                                 W
19951109
OTHER SOURCE(S):
                        MARPAT 125:86196
    RZ1Z2Z3CC12CO2H [R = halo, cyano, Me, cycloalkyl, Ph, etc.; Z1 =
AB
bond,
     CH:CH, C.tplbond.C, alkylene, etc.; Z2 = 0, S, (un)substituted
imino; Z3 =
    C5-20 alkylene] were prepared as antidiabetic agents (no data).
Thus,
     Cl2CHCO2H was alkylated by Br(CH2)10Br to give Br(CH2)10CCl2CO2H.
     178671-17-5P 178671-34-6P
IT
     RL: BAC (Biological activity or effector, except adverse); BSU
(Biological
     study, unclassified); SPN (Synthetic preparation); THU
(Therapeutic use);
     BIOL (Biological study); PREP (Preparation); USES (Uses)
        (preparation of 2,2-dichloroalkanoic acids as antidiabetic
agents)
```

Benzenedodecanoic acid,  $\alpha, \alpha, 4$ -trichloro-, sodium salt (9CI)

178671-17-5 CAPLUS

(CA INDEX NAME)

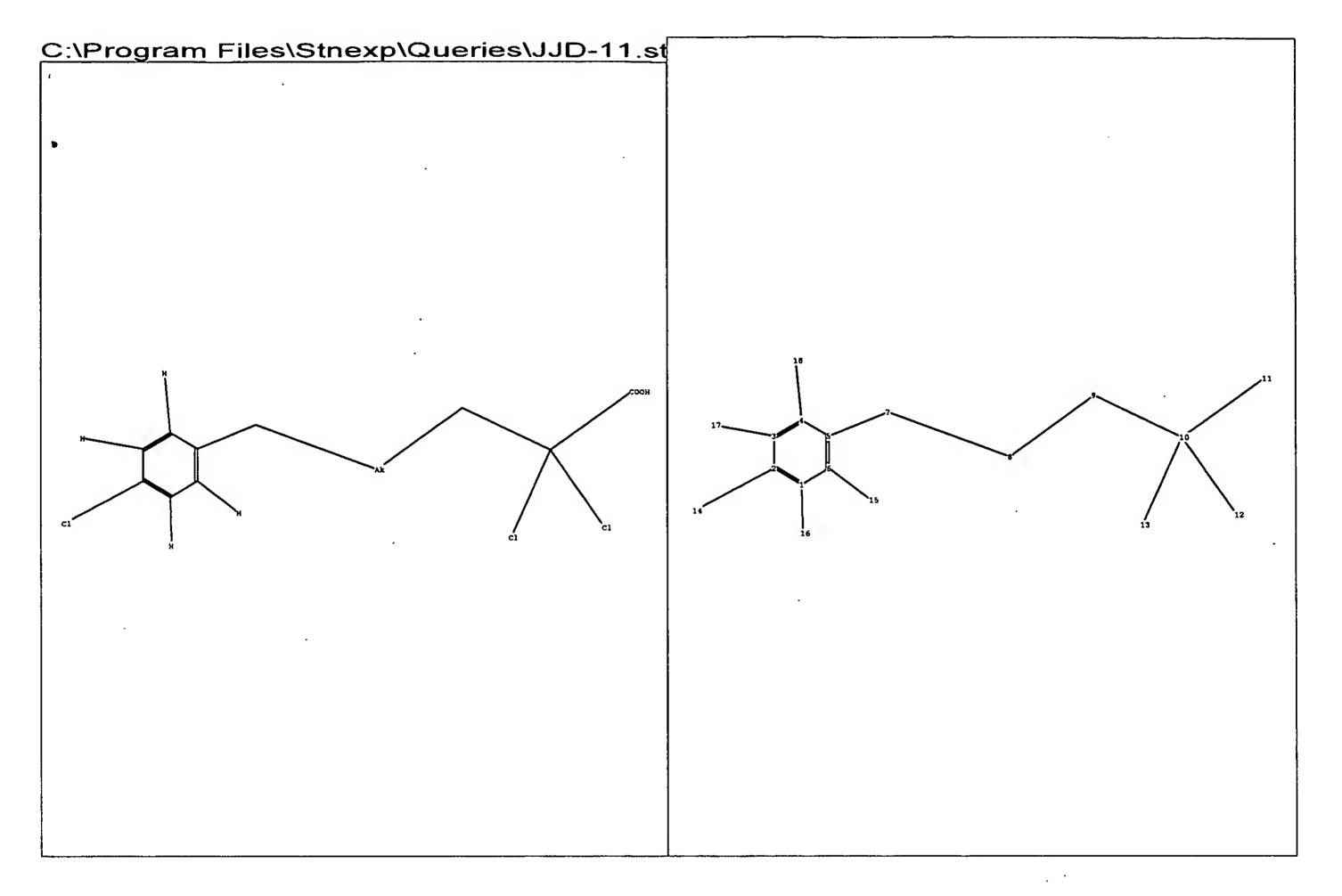
RN

CN

Na

RN 178671-34-6 CAPLUS CN 8-Tetradecynoic acid, 2,2-dichloro-14-(4-chlorophenyl)- (9CI) (CA INDEX NAME)

$$(CH_2)_5-C\equiv C-(CH_2)_5-CCl_2-CO_2H$$



chain nodes:

7 8 9 10 11 12 13 14 15 16 17 18

ring nodes:

1 2 3 4 5 6

chain bonds:

1-16 2-14 3-17 4-18 5-7 6-15 7-8 8-9 9-10 10-11 10-12 10-13

ring bonds:

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds:

7-8 8-9

exact bonds:

1-16 2-14 3-17 4-18 5-7 6-15 9-10 10-11 10-12 10-13

normalized bonds:

1-2 1-6 2-3 3-4 4-5 5-6

#### Match level:

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS8:CLASS9:CLASS 10:CLASS11:CLASS12:CLASS13:CLASS14:CLASS15:CLASS16:CLASS17:CLASS 18:CLASS